

SUPPLEMENTARY MACHINE SERVICE BULLETIN #40 P

SUBJECT: Explanation of
adjustments KAA Models
1 and 2 series.

DATE: May 7th, 1927.

TO ALL OFFICES:

Item No. 1

If the carriage fails to shift in automatic division.

Cause:

The clutch 1361 on carriage shift cam 12-56 does not engage with the clutch collar 1358 (Plate 41, group 59).

Remedy:

See that the carriage shift cams 12-56 shift freely on the shaft 1100, and no bind exists on the cam shifter 12-57 (Plate 42, group 60). The spring 1003 should pull the clutches freely in engagement when the division lever is thrown in. See that there is clearance between the clutch faces. If not, adjust by means of the screw 1297 on the bracket 1151 (Plate 38, group 55). See also description plate 16, lower part.

Item No. 2

If the carriage does not shift in both division and multiplication.

Cause:

The coupling lever 1203 slips by the roller 1260 on the double arm lever 12-52 (Plate 41, group 59).

Remedy:

First take up all excessive side play of the assembly 12-72 (Plate 39); then bend the coupling lever 1203 so it rests against the double arm lever 1217. See also description of this movement plate 21, fig. 16.

FMS:H

J. M. Smith
General Service Manager.

Mr. R. W. Suddard,
Toledo, Ohio.

SUPPLEMENTARY MACHINE SERVICE BULLETIN No. 2

SUBJECT: Explanation of
adjustments KAA Models
1 and 2 series.

DATE: May 7th, 1937.

TO ALL OFFICES:

Item No. 1

If the carriage fails to shift in automatic division.

Cause:

The clutch 1361 on carriage shift cam 12-55 does
not engage with the clutch collar 1363 (Plate 41,
Group 59).

Remedy:

Adjust the carriage shift cam 12-55 shift free-
ly to the shaft 1100, and no bind exists on the
shaft 12-57 (Plate 42, Group 60). The spring
1010 pull the clutches freely in engagement
when taken lever is thrown in. See that there
is clearance between the clutch faces. If not, ad-
just 1010 of the screw 1297 on the bracket 1151
(Plate 42, Group 60). See also description plate
12, lower part.

Item No. 2

If the carriage does not shift in both division and
automatic.

Cause:

The coupling lever 1203 slips by the roller 1260 on
the double arm lever 12-52 (Plate 41, Group 59).

Remedy:

First take up all excessive side play of the assem-
bly 12-72 (Plate 39); then bend the coupling lever
1203 so it rests against the double arm lever 1217.
See also description of this movement plate 21, fig.
12.